

## Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II  
HYDRIC SOIL INTERPRETATIONS

Marion County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
8B: JUDSON SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	JUDSON	No	---	---	---	---	---	620
8C: JUDSON SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	JUDSON	No	---	---	---	---	---	580
11B: COLO-ELY SILTY CLAY LOAMS, 2 TO 5 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	3,900
	ELY	No	---	---	---	---	---	3,900
	ACKMORE	No	---	---	---	---	---	488
	JUDSON	No	---	---	---	---	---	488
	OLMITZ	No	---	---	---	---	---	488
	ZOOK	Yes	flood plain	2B3	YES	NO	NO	488
13B: NODAWAY-VESSER SILT LOAMS, 2 TO 5 PERCENT SLOPES	NODAWAY	No	---	---	---	---	---	3,985
	VESSER	No	---	---	---	---	---	2,391
	OTHER	Yes	flood plain	2B3,4	YES	YES	NO	1,196
24D2: SHELBY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	4,250
24E2: SHELBY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	1,925
43: BREMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	BREMER	Yes	terrace	2B3	YES	NO	NO	1,496
	20 INCHES MOLLIC	Yes	terrace	2B3	YES	NO	NO	79
51: VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES	VESSER	No	---	---	---	---	---	1,178
	18 INCHES OVERWASH	No	---	---	---	---	---	65
	OTHER	Yes	flood plain	2B3	YES	NO	NO	65
53: RIVERWASH	RIVERWASH	Yes	flood plain	4	NO	YES	NO	138
	OTHER	Yes	oxbow	2B3,3	YES	NO	YES	7

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54: ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	ZOOK	Yes	flood plain	2B3	YES	NO	NO	5,842
	< 30 INCHES MOLLIC	Yes	flood plain	2B3	YES	NO	NO	308
54+: ZOOK SILT LOAM, OVERWASH, 0 TO 2 PERCENT SLOPES	ZOOK	Yes	flood plain	2B3	YES	NO	NO	3,135
	ACKMORE	No	---	---	---	---	---	165
63C: CHELSEA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES	CHELSEA	No	---	---	---	---	---	659
63E2: CHELSEA LOAMY FINE SAND, 9 TO 18 PERCENT SLOPES, MODERATELY ERODED	CHELSEA	No	---	---	---	---	---	258
65D2: LINDLEY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	No	---	---	---	---	---	2,175
65E: LINDLEY LOAM, 14 TO 18 PERCENT SLOPES	LINDLEY	No	---	---	---	---	---	7,400
65E3: LINDLEY CLAY LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	LINDLEY	No	---	---	---	---	---	342
65F: LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	LINDLEY	No	---	---	---	---	---	2,000
69C2: CLEARFIELD SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLEARFIELD	Yes	hill	2B3	YES	NO	NO	497
75: GIVIN SILT LOAM, 0 TO 2 PERCENT SLOPES	GIVIN	No	---	---	---	---	---	481
	OTHER	Yes	depression	2B3	YES	NO	NO	27
	TIMBERED VERSION	No	---	---	---	---	---	27
76B: LADOGA SILT LOAM, 2 TO 5 PERCENT SLOPES	LADOGA	No	---	---	---	---	---	9,348
	HEDRICK	No	---	---	---	---	---	492

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76C2: LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	LADOGA	No	---	---	---	---	---	19,498
76D2: LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LADOGA	No	---	---	---	---	---	12,810
	HEDRICK	No	---	---	---	---	---	674
80B: CLINTON SILT LOAM, 2 TO 5 PERCENT SLOPES	CLINTON	No	---	---	---	---	---	3,372
	HEDRICK	No	---	---	---	---	---	178
80C2: CLINTON SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLINTON	No	---	---	---	---	---	14,678
80D2: CLINTON SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CLINTON	No	---	---	---	---	---	17,281
88: NEVIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NEVIN	No	---	---	---	---	---	1,912
	KOSZTA	No	---	---	---	---	---	106
	OTHER	Yes	depression	2B3	YES	NO	NO	106
93D2: SHELBY-ADAIR COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	443
	ADAIR	No	---	---	---	---	---	258
	OTHER	No	---	---	---	---	---	37
94D2: CALEB-MYSTIC LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CALEB	No	---	---	---	---	---	1,125
	MYSTIC	No	---	---	---	---	---	482
98: HUNTSVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES	HUNTSVILLE	No	---	---	---	---	---	1,279
	OTHER	Yes	flood plain	2B3	YES	NO	NO	71
	SANDY LOAM SUBSOIL	No	---	---	---	---	---	71

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
119: MUSCATINE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MUSCATINE	No	---	---	---	---	---	450
	GARWIN	Yes	depression	2B3	YES	NO	NO	24
120B: TAMA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	TAMA	No	---	---	---	---	---	1,211
120C2: TAMA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	TAMA	No	---	---	---	---	---	1,278
120D2: TAMA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	TAMA	No	---	---	---	---	---	744
130: BELINDA SILT LOAM, 0 TO 2 PERCENT SLOPES	BELINDA	Yes	ridge	2B3	YES	NO	NO	199
	HAIG	Yes	ridge	2B3	YES	NO	NO	10
131B: PERSHING SILT LOAM, 2 TO 5 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	2,280
	BELINDA	Yes	ridge	2B3	YES	NO	NO	120
131C2: PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	PERSHING	No	---	---	---	---	---	10,218
132B: WELLER SILT LOAM, 2 TO 5 PERCENT SLOPES	WELLER	No	---	---	---	---	---	335
132C2: WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	WELLER	No	---	---	---	---	---	3,125
133: COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	1,148
	< 30 INCHES MOLLIC	Yes	flood plain	2B3	YES	NO	NO	64
	OTHER	Yes	oxbow	3,2B3	YES	NO	YES	64
133+: COLO SILT LOAM, OVERWASH, 0 TO 2 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	2,900

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
133B: COLO SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	459
162B: DOWNS SILT LOAM, 2 TO 5 PERCENT SLOPES	DOWNS	No	---	---	---	---	---	564
162C2: DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	DOWNS	No	---	---	---	---	---	2,975
162D2: DOWNS SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	DOWNS	No	---	---	---	---	---	2,575
163B: FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES	FAYETTE	No	---	---	---	---	---	542
163C2: FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	FAYETTE	No	---	---	---	---	---	1,076
	SANDY AREAS	No	---	---	---	---	---	60
163D2: FAYETTE SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	FAYETTE	No	---	---	---	---	---	1,021
163E2: FAYETTE SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	FAYETTE	No	---	---	---	---	---	3,966
163F2: FAYETTE SILT LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	FAYETTE	No	---	---	---	---	---	504
179D2: GARA LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	8,250
179E2: GARA LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	4,625
179F: GARA LOAM, 18 TO 25 PERCENT SLOPES	GARA	No	---	---	---	---	---	922
185D: BAUER SILT LOAM, 9 TO 14 PERCENT SLOPES	BAUER	No	---	---	---	---	---	540

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185D2: BAUER SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	BAUER	No	---	---	---	---	---	1,675
185E2: BAUER SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	BAUER	No	---	---	---	---	---	1,567
208: LANDES LOAM, 0 TO 2 PERCENT SLOPES	LANDES	No	---	---	---	---	---	582
	OTHER	Yes	flood plain	4,2B3	YES	YES	NO	31
212: KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES	KENNEBEC	No	---	---	---	---	---	965
	OTHER	Yes	flood plain	2B3	YES	NO	NO	51
220: NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES	NODAWAY	No	---	---	---	---	---	12,801
	OTHER	Yes	flood plain	2B3	YES	NO	NO	674
222C: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	CLARINDA	Yes	hill	2B3	YES	NO	NO	244
222C2: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARINDA	Yes	hill	2B3	YES	NO	NO	685
230C: CLEARFIELD-ARISPE SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES	CLEARFIELD	Yes	hill	2B3	YES	NO	NO	397
	ARISPE	No	---	---	---	---	---	199
	OTHER	No	---	---	---	---	---	66
230C2: CLEARFIELD-ARISPE SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLEARFIELD	Yes	hill	2B3	YES	NO	NO	4,320
	ARISPE	No	---	---	---	---	---	2,160
	OTHER	No	---	---	---	---	---	720
248: WABASH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	WABASH	Yes	flood plain	2B3,3,4	YES	YES	YES	268
	OTHER	Yes	flood plain	2B3	YES	NO	NO	14

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273B: OLMITZ LOAM, 2 TO 5 PERCENT SLOPES	OLMITZ	No	---	---	---	---	---	451
273C: OLMITZ LOAM, 5 TO 9 PERCENT SLOPES	OLMITZ	No	---	---	---	---	---	650
279: TAINTOR SILT LOAM, 0 TO 2 PERCENT SLOPES	TAINTOR	Yes	ridge	2B3	YES	NO	NO	5,400
280: MAHASKA SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	MAHASKA	No	---	---	---	---	---	4,774
	TAINTOR	Yes	depression	2B3	YES	NO	NO	251
281B: OTLEY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	OTLEY	No	---	---	---	---	---	4,750
281C2: OTLEY SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	OTLEY	No	---	---	---	---	---	4,425
281D2: OTLEY SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	OTLEY	No	---	---	---	---	---	1,306
	NIRA	No	---	---	---	---	---	69
313D2: GOSPORT SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GOSPORT	No	---	---	---	---	---	10,003
313E2: GOSPORT SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	GOSPORT	No	---	---	---	---	---	19,993
313F2: GOSPORT SILT LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	GOSPORT	No	---	---	---	---	---	7,650
315: ALLUVIAL LAND-LANDES COMPLEX, 0 TO 2 PERCENT SLOPES	ALLUVIAL LAND	No	---	---	---	---	---	180
	LANDES	No	---	---	---	---	---	180
	NODAWAY	Yes	flood plain	4	NO	YES	NO	45
	ACKMORE	No	---	---	---	---	---	22
	COLO	Yes	oxbow	2B3, 3	YES	NO	YES	22

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362: HAIG SILT LOAM, 0 TO 2 PERCENT SLOPES	HAIG	Yes	ridge	2B3	YES	NO	NO	1,727
364B: GRUNDY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	GRUNDY	No	---	---	---	---	---	5,800
368: MACKSBURG SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MACKSBURG	No	---	---	---	---	---	4,351
	WINTERSET	Yes	depression	2B3	YES	NO	NO	229
368B: MACKSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	MACKSBURG	No	---	---	---	---	---	572
	LADOGA	No	---	---	---	---	---	32
	OTHER	Yes	depression	2B3	YES	NO	NO	32
369: WINTERSET SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	WINTERSET	Yes	ridge	2B3	YES	NO	NO	1,850
370B: SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	SHARPSBURG	No	---	---	---	---	---	10,050
370C: SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	SHARPSBURG	No	---	---	---	---	---	1,117
370C2: SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	SHARPSBURG	No	---	---	---	---	---	10,925
	NIRA	No	---	---	---	---	---	575
370D2: SHARPSBURG SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHARPSBURG	No	---	---	---	---	---	3,776
	NIRA	No	---	---	---	---	---	199
373E: TALLULA-DOWNS SILT LOAMS, 12 TO 20 PERCENT SLOPES	TALLULA	No	---	---	---	---	---	151
	DOWNS	No	---	---	---	---	---	100



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428B: ELY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	ELY	No	---	---	---	---	---	947
	COLO	Yes	flood plain	2B3	YES	NO	NO	53
	JUDSON	No	---	---	---	---	---	53
430: ACKMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	ACKMORE	No	---	---	---	---	---	2,969
	OTHER	Yes	flood plain	2B3,4	YES	YES	NO	156
453: TUSKEEGO SILT LOAM, 0 TO 2 PERCENT SLOPES	TUSKEEGO	Yes	terrace	2B3	YES	NO	NO	407
478G: GOSPORT-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	GOSPORT	No	---	---	---	---	---	1,000
	ROCK OUTCROP	Unranked	---	---	---	---	---	700
	OTHER	No	---	---	---	---	---	300
485: SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES	SPILLVILLE	No	---	---	---	---	---	1,449
	< 24 SURFACE LAYER	No	---	---	---	---	---	80
	OTHER	Yes	flood plain	2B3	YES	NO	NO	80
570B: NIRA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	NIRA	No	---	---	---	---	---	739
570C2: NIRA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	NIRA	No	---	---	---	---	---	3,270
822D2: LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LAMONI	No	---	---	---	---	---	6,050
831B: PERSHING SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	400
870B: SHARPSBURG SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	SHARPSBURG	No	---	---	---	---	---	664

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870C: SHARPSBURG SILTY CLAY LOAM, BENCHES, 5 TO 9 PERCENT SLOPES	SHARPSBURG	No	---	---	---	---	---	600
876B: LADOGA SILT LOAM, BENCHES, 2 TO 6 PERCENT SLOPES	LADOGA	No	---	---	---	---	---	1,433
993D2: GARA-ARMSTRONG COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	798
	ARMSTRONG	No	---	---	---	---	---	285
	OTHER	No	---	---	---	---	---	57
993E2: GARA-ARMSTRONG COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	296
	ARMSTRONG	No	---	---	---	---	---	173
	OTHER	No	---	---	---	---	---	25
1075: GIVIN SILT LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	GIVIN	No	---	---	---	---	---	593
	OTHER	Yes	depression	2B3	YES	NO	NO	33
	TIMBERED	No	---	---	---	---	---	33
1220: NODAWAY SILT LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	NODAWAY	No	---	---	---	---	---	1,561
	OTHER	Yes	flood plain	4	NO	YES	NO	87
	OTHER	Yes	oxbow	3,2B3	YES	NO	YES	87
1315: ALLUVIAL LAND-LANDES COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	ALLUVIAL LAND	No	---	---	---	---	---	1,270
	LANDES	No	---	---	---	---	---	363
	OTHER	Yes	flood plain	4	NO	YES	NO	91
	OTHER	Yes	oxbow	2B3,3	YES	NO	YES	91
1316: ALLUVIAL LAND, WET, 0 TO 2 PERCENT SLOPES	ALLUVIAL LAND	Yes	flood plain	4	NO	YES	NO	1,710
	OTHER	Yes	oxbow	3,2B3	YES	NO	YES	90

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1368: MACKSBURG SILTY CLAY LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	MACKSBURG	No	---	---	---	---	---	360
	OTHER	Yes	depression	2B3	YES	NO	NO	19
5020G: STRIP MINE SPOILS, 25 TO 80 PERCENT SLOPES	STRIP MINE SPOILS	Unranked	---	---	---	---	---	5,000
5040: CUT AND FILL LAND	CUT AND FILL LAND	Unranked	---	---	---	---	---	1,215